

**AMENDMENTS TO THE SPECIFICATION**

On page 9, please replace the paragraph beginning at line 21 with the following paragraph.

--The Zr containing compound comprises a zirconium alkoxide, and a zirconium chelate compound ~~and a zirconium acetate~~. In particular, when using at least one of  $\text{Zr}(\text{OC}_4\text{H}_9)_3(\text{C}_5\text{H}_7\text{O}_2)$  and  $\text{Zr}(\text{OC}_4\text{H}_9)(\text{C}_5\text{H}_7\text{O}_2)(\text{C}_6\text{H}_9\text{O}_3)_2$ , the film having high photocatalysis and durability can be obtained by forming the film at a relatively low temperature of from room temperature to 200 °C.--